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**1 METHOD OF PREPARATION OF ACTIVE WATER FRACTIONS WITH  
HIGH DIELECTRIC CONSTANT**

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**METHOD OF PREPARATION OF ACTIVE WATER FRACTIONS WITH HIGH DIELECTRIC CONSTANT**

**Patent number:** RU2108299  
**Publication date:** 1998-04-10  
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**Classification:**  
- international: C02F1/46  
- european:  
**Application number:** RU19950118038 19951025  
**Priority number(s):** RU19950118038 19951025

**Abstract of RU2108299**

**FIELD:** medicine, in particular, surgery, therapy, pharmacology and those branches of national economy, whose fabrication practice uses aqueous media with a high dielectric constant.

**SUBSTANCE:** second vessel is placed in a vessel with water. The second vessel accommodates two electrodes made of the same metal. The second vessel has upper and lower holes, and itself is submerged in water of the first vessel. A variable-capacitance transducer is installed in the upper water layer of the first and second vessels, the output of each transducer is connected to the respective input of differential meter. After that the electrodes are connected to the power source, and electric current is passed through them providing for dissociation of water in the second vessel into components. Then, current is cut off, and energy of low-energy quanta of external electromagnetic radiation acts above the so obtained components of dissociated water from the moment of beginning of its dissociation in the conditions of screening from high-energy quanta of external electromagnetic radiation. Dielectric constant of these fractions differs from the initial one, which is indicated by the meter. Then, active water fractions are brought outside through a hose, whose one end is preliminarily placed in the upper water layer of the second vessel, and the other - outside the first vessel. **EFFECT:** enhanced efficiency of water activation.

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